

November 23, 1951

Dear Dr, Edwards:

Thank you for the phage samples which have arrived and test properly. I will certainly comply with your instructions about them, and in particular will refer any requests concerning them to your laboratory.

We have had a good deal of difficulty in preparing a suitable IX-antiserum (to test for the transduction of typhimurium IV to typhi). The first absorptions gave sera that were suitable for agglutination tests, but which fixed typhi and typhimurium equally in semisolid agar. Continued absorptions left a serum that ~~fixes typhi~~ had no effect on typhimurium, but did not adequately fix typhi. Have you any suggestions for the solution of this problem?

Yours sincerely

Joshua Lederberg